

FORM PTO-1449 PATENT & TRADES	SERIAL NO. 09/832,269	CASE NO. 3614/174
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE April 10, 2001	GROUP ART UNIT 1614
APPLICANT(S): Peyman et al.		

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS			
EXAMINER INITIAL	DOCUMENT NUMBER Number-Kind Code (if known)	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
Z-F	C1 1,325,669	12/23/19	Green	—	—
Z-F	C2 4,681,102	07/21/87	Bartell	—	—
Z-F	C3 4,836,202	06/06/89	Krasner	—	—
Z-F	C4 4,936,827	06/26/90	Grimm et al.	—	—
Z-F	C5 5,273,530	12/28/93	Del Cerro et al.	—	—
Z-F	C6 5,288,291	02/22/94	Teh	—	—
Z-F	C7 5,484,403	01/16/96	Yoakum et al.	—	—
Z-F	C8 5,676,679	10/14/97	Simon et al.	—	—
Z-F	C9 5,814,017	09/29/98	Kashmer	—	—
Z-F	C10 5,817,075	10/06/98	Giungo	—	—
Z-F	C11 5,930,937	08/03/99	Bowersock	—	—
Z-F	C12 5,941,250	08/24/99	Aramant et al.	—	—
Z-F	C13 5,962,027	10/05/99	Hughes	—	—
Z-F	C14 6,066,675	05/23/00	Wen et al.	—	—
Z-F	C15 6,159,218	12/12/00	Aramant et al.	—	—
Z-F	C16 6,280,449	08/28/01	Blake	—	—
Z-F	C17 6,298,270 B1	10/12/01	Nisch et al.	—	—
Z-F	C18 6,347,250 B1	12/12/02	Nisch et al.	—	—
Z-F	C19 US 2002/0055724	05/09/02	Hughes	—	—
Z-F	C20 6,387,101 B1	05/14/02	Butts et al.	—	—
Z-F	C21 6,427,087 B1	07/30/02	Chow et al.	—	—

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER Number-Kind Code (if known)	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
Z-F	C22 WO 99/15119	04/01/99	PCT	—	—

EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city, and/or country where published.)
Z-F	C23 Acheson, A., P.A. Barker, R.F. Alderson, F.D. Miller, et al., "Detection of Brain-Derived Neurotrophic Factor-Like Activity in Fibroblasts and Schwann Cells: Inhibition by Antibodies to NGF", <i>Neuron</i> , Vol. 7, 1991, pp 265-75.
Z-F	C24 Agnew, W.F. et al. <i>Neural Prostheses Fundamental Studies</i> , Englewood Cliffs, Prentice Hall, 1990, pp. 25-65.

EXAMINER	DATE CONSIDERED
Zahur Faz	3/8/04

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Z-F	C25	Bosco, A., and Linden, R., "BDNF and NT-4 Differentially Modulate Neurite Outgrowth in Developing Retinal Ganglion Cells", J Neurosci Res. Vol. 57, 1999, pp 759-69.	
Z-F	C26	Brady, G.S., Clouser, H.R., Materials Handbook, Thirteenth Edition, New York, McGraw-Hill, 1991, pp 739-740.	
Z-F	C27	Caleo, M., Lodovichi, C., and Maffei, L., "Effects of Nerve Growth Factor on Visual Cortical Plasticity Require Afferent Electrical Activity", Eur. J. Neurosci., Vol. 11, 1999, pp 2979-84.	
Z-F	C28	Carmignoto, G., Maffei, L., Candeo, P., Canella, R. and Cornelli, C., "Effect of NGF on the Survival of Rat Retinal Ganglion Cells Following Optic Nerve Section", J. Neurosci., Vol. 9, 1989, pp 1263-72.	
Z-F	C29	Chow, A.Y., Pardue, M.T., Chow, V.Y., Peyman, G.A., et al., "Implantation of Silicon Chip Microphotodiode Arrays into the Cat Subretinal Space", IEEE Trans. Neu. Syst. Rehabil. Eng., Vol. 9, 2001, pp 86-95.	
Z-F	C30	Chow, A.Y., and Chow, V.Y., "Subretinal Electrical Stimulation of the Rabbit Retina", Neurosci. Lett. Vol. 225, 1997, pp 13-16.	
Z-F	C31	Chow, A.Y., and Peachey, N., "The Subretinal Microphotodiode Array Retinal Prosthesis II", Ophthal. Res., Vol. 31, 1999, page 246.	
Z-F	C32	Cui, Q., So, K.F., and Yip, H.K., "Major Biological Effects of Neurotrophic Factors on Retinal Ganglion Cells in Mammals", Biol. Sig. Recept., Vol. 7, 1998, pp 220-226.	
Z-F	C33	Dooley, D.M., Sharkey, J., Keller, W., and Kasprak, W., "Treatment of Demyelinating and Degenerative Diseases by Electro Stimulation of the Spinal Cord", Med. Prog. Technol., Vol. 6, 1978, pp 1-14.	
Z-F	C34	Evans, R.D., Foltz, D., and Foltz, K., "Electrical Stimulation with Bone and Wound Healing", Clin. Podiatr. Med. Surg., Vol. 18, 2001, pp 79-95.	
Z-F	C35	Frasson, M., Picaud, S., Leveillard, T., Simonutti, M., et al., "Glial Cell Line-Derived Neurotrophic Factor Induces Histologic and Functional Protection of Rod Photoreceptors in the rd/rd Mouse", Invest. Ophthalmol. Visual Sci., Vol. 40, 1999, pp 2724-34.	
Z-F	C36	Klinke, R., Kral, A., Heid, S., Tillein, J., and Hartmann, R., "Recruitment of the Auditory Cortex in Congenitally Deaf Cats by Long-Term Cochlear Electrostimulation", Science, Vol. 285, 1999, pp. 1729-1733.	
Z-F	C37	Koyama, S., Haruyama, T., Kobatake, E., and Aizawa, M., "Electrically Induced NGF Production by Astroglial Cells", Nature Biotechnol., Vol. 15, 1997, pp 164-166.	
Z-F	C38	Lagey, C.L., Roelofs, J.M., Janssen, L.W.M., Breedijk, M., et al., "Electrical Stimulation of Bone Growth with Direct Current", Clin. Orthop., No. 204, 1986, pp 303-312.	
Z-F	C39	Lambiase, A., and Aloe, L., "Nerve Growth Factor Delays Retinal Degeneration in C3H Mice", Graefe's Arch. Clin. Exp. Ophthalmol., Vol. 234, 1996, pp 96-100.	
Z-F	C40	Leake, P.A., Hradek, G.T., and Snyder, R.L., "Chronic Electrical Stimulation by a Cochlear Implant Promotes Survival of Spiral Ganglion Neurons after Neonatal Deafness", J. Comp. Neurol., Vol. 412, 1999, pp 543-562.	
Z-F	C41	Leake, P.A., Hradek, G.T., Rebscher, S.J., and Snyder, R.L., "Chronic Intracochlear Electrical Stimulation Induces Selective Survival of Spiral Ganglion Neurons in Neonatally Deafened Cats", Hear. Res., Vol. 54, 1991, pp 251-271.	

EXAMINER <i>Zehf Fug</i>	DATE CONSIDERED 3/8/04
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## OTHER ART - NON PATENT LITERATURE DOCUMENTS

(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)

Z. F	C42	Majji, Ajit, et al.: "Long Term Histological and Electrophysiological Results of an Inactive Epiretinal Electrode Array Implantation in Dogs", <i>Investigative Ophthalmology &amp; Visual Science</i> , August 1999, Vol. 40, No. 9, pp. 2073-2081
Z. F	C43	Margalit, et al.: "Bioadhesives for Intraocular Use", <i>Retina, The Journal of Retinal and Vitreous Diseases</i> , 2000, Vol. 20, No. 5, pp. 469-477
Z. F	C44	Neely, M.D., and Nicholls, J.G., "Electrical Activity, Growth Cone Motility and the Cytoskeleton", <i>J. Exp. Biol.</i> Vol. 198, 1995, pp 1433-1446.
Z. F	C45	Pagon, R.A., "Retinitis Pigmentosa", <i>Survey Ophthalmol.</i> , Vol. 33, 1988, pp 137-177.
Z. F	C46	Paton, D., Goldberg, M.F., <i>Management of Ocular Injuries</i> , Philadelphia, W.B. Saunders Co., 1976, pp 134-135.
Z. F	C47	Peachey, N.S., and Chow, A.Y., "Subretinal Implantation of Semiconductor-Based Photodiodes: Progress and Challenges", <i>J. Rehabil. Res. Develop.</i> , Vol. 36, No. 4, 1999, pp 1-7.
Z. F	C48	Peyman, Gholam, MD, et al.: "Subretinal Semiconductor Microphotodiode Array", <i>Ophthalmic Surgery and Lasers</i> , March 1998, Vol. 29, No. 3, pp. 234-241.
Z. F	C49	Politis, M.J., Zanakis, M.F., and Albala, B.J., "Facilitated Regeneration in the Rat Peripheral Nervous System Using Applied Electric Fields", <i>J. Trauma</i> , Vol. 28, 1988, pp 1375-1381.
Z. F	C50	Politis, M.J., Zanakis, M.F., and Albala, B.J., "Mammalian Optic Nerve Regeneration Following the Application of Electric Fields", <i>J. Trauma</i> , 1988, Vol. 28 pp 1548-1552.
Z. F	C51	Politis, M.J., and Zanakis, M.F., "Short Term Efficacy of Applied Electric Fields in the Repair of the Damaged Rodent Spinal Cord: Behavioral and Morphological Results", <i>Neurosurgery</i> , Vol. 23, 1988, pp 582-588.
Z. F	C52	Politis, M.J., and Zanakis, M.F., "The Short-Term Effects of Delayed Application of Electric Fields in the Damaged Rodent Spinal Cord", <i>Neurosurgery</i> , Vol. 25, 1989, pp 71-75.
Z. F	C53	Politis, M.J., and Zanakis, M.F., "Treatment of the Damaged Rat Hippocampus with a Locally Applied Electric Field", <i>Exp. Brain Res.</i> , Vol. 71, 1988, pp 223-226.
Z. F	C54	Reh, T.A., McCabe, K., Kelley, M.W., and Birmingham-McDonogh, O., "Growth Factors in the Treatment of Degenerative Retinal Disorders", <i>Ciba Found. Symp.</i> , Vol. 196, 1996, pp 120-131.
Z. F	C55	Rosen, J.M. "A Merger of Microsurgery and Microelectronics" in Andrade J.D. et al. (Ed.), "Artificial Organs", VCH Publishers, 1987, pp. 583-594
Z. F	C56	Science News, Vol. 105, No. 5, p. 105, February 2, 1974
Z. F	C57	Science, July, 1981

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